Message

From: Cullen, Daniel [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0FEB8E3BBB3943A9AFC1CBE32E40E3BC-CULLEN, DAN]

Sent: 4/22/2016 2:50:53 PM

To: Wright, DavidA [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=4f14a47c701547479b12bee35117d0a9-Wright, David A.]

Subject: RE: A quick look at existing PEMS data

I think both you, Joel, I and Sergio would agree that lots were not in fact made. They wanted to make a lot. How about we try a Chevy?

From: Wright, DavidA

Sent: Friday, April 22, 2016 10:05 AM

To: Ball, Joel <ball.joel@epa.gov>; Schenk, Charles <schenk.charles@epa.gov>; Dalton, Joel <Dalton.Joel@epa.gov>;

Cullen, Daniel < Cullen. Daniel@epa.gov>; Wehrly, Linc < wehrly.linc@epa.gov>

Subject: RE: A quick look at existing PEMS data

Additional work should be performed on the GL350

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

CBI / Ex. 4

If this is a different

vehicle, then I would be willing to consider it as the diesel for comparison purposes.

Toyota probably has some of the lowest emitting vehicles on the market, I propose we replace it with say a late model Chrysler 200 – lots were made and they are probably closer to a nominal emitting vehicle.

Regards,

David

From: Ball, Joel

Sent: Friday, April 22, 2016 8:18 AM

To: Schenk, Charles <<u>schenk.charles@epa.gov</u>>; Wright, DavidA <<u>Wright.DavidA@epa.gov</u>>; Dalton, Joel <<u>Dalton.Joel@epa.gov</u>>; Cullen, Daniel <<u>Cullen.Daniel@epa.gov</u>>; Wehrly, Linc <<u>wehrly.linc@epa.gov</u>>

Subject: RE: A quick look at existing PEMS data

First to clarify the bet. There was no qualifier that the Mercedes diesel needed to be considered average, the bet was based on a comparison of the Mercedes real world performance to an average gasoline vehicle. As you said the Camry is as average as they come.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Joel Ball Light-Duty Vehicle Group Compliance Division ball.joel@epa.gov

From: Schenk, Charles

Sent: Friday, April 22, 2016 7:19 AM

To: Wright, DavidA < Wright. DavidA@epa.gov >; Ball, Joel < ball.joel@epa.gov >; Dalton, Joel < Dalton.Joel@epa.gov >;

Cullen, Daniel < Cullen. Daniel@epa.gov >; Wehrly, Linc < wehrly.linc@epa.gov >

Subject: RE: A quick look at existing PEMS data

In what respect? A 2009 Camry is about as 'average' as one could hope for.

Deliberative Process / Ex. 5

Chuck

From: Wright, DavidA

Sent: Thursday, April 21, 2016 4:32 PM

To: Schenk, Charles <schenk.charles@epa.gov>; Ball, Joel <ball.joel@epa.gov>; Dalton, Joel <Dalton.Joel@epa.gov>;

Cullen, Daniel < Cullen. Daniel@epa.gov >; Wehrly, Linc < wehrly.linc@epa.gov >

Subject: RE: A quick look at existing PEMS data

Neither of these are 'average' therefore, these data do not apply.

From: Schenk, Charles

Sent: Thursday, April 21, 2016 3:03 PM

To: Ball, Joel < ball.joel@epa.gov>; Wright, DavidA < Wright.DavidA@epa.gov>; Dalton, Joel < Dalton.Joel@epa.gov>;

Cullen, Daniel < Cullen. Daniel@epa.gov>; Wehrly, Linc < wehrly.linc@epa.gov>

Subject: A quick look at existing PEMS data

This is for beer- the interested parties can determine who buys or whether this data is sufficient to determine the outcome.

It is also interesting to see how a gasoline vehicle lines up with a diesel.

Just a first cut. Please let me know what you think.

Enjoy,

Chuck